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Lewis et al.

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(54) **CANNABIS PLANT NAMED ‘LEMON CRUSH OG’**

(50) Latin Name: ***Cannabis* hybrid**
Varietal Denomination: **LEMON CRUSH OG**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention provides a new and distinct cannabis cultivar designated as ‘LEMON CRUSH OG’. The main terpenes found in ‘LEMON CRUSH OG’ are limonene, beta-caryophyllene, alpha-humulene, linalool, trans-ocimene, beta-pinene, fenchol, alpha-terpineol, alpha-pinene and myrcene. The estimated concentration of the total THC_{max}, CBD_{max}, and CBG_{max} is about 18.77-23.19%, about 0%, and about 0.98-1.78%, respectively, at the time of assaying metabolites from flower samples of ‘LEMON CRUSH OG’. Harvest interval, i.e. at 56-70 days under short day conditions.

14 Drawing Sheets

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Latin name of genus and species: *Cannabis* hybrid.
Variety denomination: ‘LEMON CRUSH OG’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct *cannabis* cultivar designated as ‘LEMON CRUSH OG’.

This new cultivar is the result of controlled-crosses between proprietary cultivars made by the inventors. The new cultivar of ‘LEMON CRUSH OG’ was asexually reproduced via a stem ‘cutting’ and ‘cloning’ method by the inventors at Salinas, Calif. Asexual clones from the original source have been tested in greenhouses, nurseries, and/or fields. The properties of each cultivar were found to be

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transmissible by such asexual reproduction. The cultivar is stable and reproduces true to type in successive generations of asexual reproduction.

5 TAXONOMY AND NOMENCLATURE

Cannabis, more commonly known as marijuana, is a genus of flowering plants that includes at least three species, *Cannabis sativa*, *Cannabis indica*, and *Cannabis ruderalis* as determined by plant phenotypes and secondary metabolite profiles. In practice however, *cannabis* nomenclature is often used incorrectly or interchangeably. *Cannabis* literature can be found referring to all *cannabis* varieties as “*sativas*” or all cannabinoid producing plants as “*indicas*”.

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